

Sebastian Molin

Lista publikacji
z dnia 30 października 2010

Publikacje w czasopismach (lista filadelfijska)

1. Gdula-Kasica K., Mielewczyk-Gryn A., Lendze T., **Molin S.**, Kusz B., Gazda M., 2010, **Synthesis of acceptor-doped Ba-Ce-Zr-O perovskites**, *Crystal Research and Technology* 45: 1251-1257
2. **Molin S.**, Gazda M., Jasinski P., 2010, **High temperature oxidation of porous alloys for solid oxide fuel cell applications**, *Solid State Ionics* 181: 1214-1220
3. Mielewczyk-Gryn A., Gdula K., **Molin S.**, Jasinski P., Kusz B., Gazda M., 2010, **Structure and electrical properties of ceramic proton conductors obtained with molten-salt and solid-state synthesis methods**, *Journal of Non-Crystalline Solids* 356: 1976-1979
4. **Molin S.**, Gazda M., Jasinski P., 2009, **Interaction of yttria stabilized zirconia electrolyte with Fe_2O_3 and Cr_2O_3** , *Journal of Power Sources* 194: 20-24
5. Jasinski P., **Molin S.**, Gazda M., Petrovsky V., Anderson H. U., 2009, **Applications of spin coating of polymer precursor and slurry suspensions for Solid Oxide Fuel Cell fabrication**, *Journal of Power Sources* 194: 10-15
6. **Molin S.**, Gazda M., Jasinski P., 2009, **Conductivity improvement of $Ce_{0.8}Gd_{0.2}O_{1.9}$ solid electrolyte**, *Journal of Rare Earths* 27: 655-660
7. **Molin S.**, Kusz B., Gazda M., Jasinski P., 2009, **Protective coatings for stainless steel for SOFC applications**, *Journal of Solid State Electrochemistry* 13: 1695-1700
8. **Molin S.**, Gazda M., Kusz B., Jasinski P., 2009, **Evaluation of 316 L porous stainless steel for SOFC support**, *Journal of the European Ceramic Society* 29: 757-762
9. Karczewski J., Riegel B., **Molin S.**, Winiarski A., Gazda M., Jasinski P., Murawski L., Kusz B., 2009, **Electrical properties of $Y_{0.08}Sr_{0.92}Ti_{0.92}Nb_{0.08}O_{3-6}$ after reduction in different reducing conditions**, *Journal of Alloys and Compounds* 473: 496-499
10. Gazda M., Plonczak P., **Molin S.**, Kusz B., Jasinski P., 2008, **Chemical interaction between perovskite $La_{0.6}Sr_{0.4}FeO_3$ and super-ionic $Zr_{0.84}Y_{0.16}O_x$** , *Acta Physica Polonica A* 114: 135-141
11. **Molin S.**, Kusz B., Gazda M., Jasinski P., 2008, **Evaluation of porous 430L stainless steel for SOFC operation at intermediate temperatures**, *Journal of Power Sources* 181: 31-37

Publikacje w czasopismach recenzowanych

1. **Molin S.**, Jasiński P., 2008, **Elektryczne pomiary tlenkowych ogniw paliwowych**, *Pomiary Automatyka Kontrola (PAK)* 03: 110-113

Recenzowane doniesienia pokonferencyjne

1. Tolczyk M., **Molin S.**, Gazda M., Jasinski P., **Structural and electrical properties of STF materials for SOFC applications**, Proceedings of 11th International Conference and Exhibition of the European Ceramic Society, Krakow, 21-25 June 2009
2. Mielewczyk A., **Molin S.**, Gdula K., Jasinski G., Kusz B., Jasinski P., Gazda M., **Structure and Electric Properties of Double Magnesium Zirconium Orthophosphate**, Proceedings of 11th International Conference and Exhibition of the European Ceramic Society, Krakow, 21-25 June 2009
3. **Molin S.**, Jasinski G., Jasinski P., **Sensing properties of a mixed-potential NOx sensor based on YSZ ceramic**, Proceedings of IMAPS CPMT 2009 Conference Proceedings, Gliwice-Pszczyna, 21-24 Wrzesień 2009
4. **Molin S.**, Gazda M., Jasinski P., **High temperature corrosion of stainless steels for Solid Oxide Fuel Cells**, XII Międzynarodowe Seminarium Naukowe Studentów i Młodych Inżynierów Mechaników, Gdańsk, 21-23 Maja 2009

5. **Molin S.**, Gazda M., Jasiński G., Jasinski P., Nowakowski A., *Development of resistive type oxygen gas sensors*, Proceedings of IMAPS CPMT 2008 Conference Proceedings, Pułtusk, 21-24 Wrzesień 2008
6. **Molin S.**, Gazda M., Kusz B., Jasinski P., *Net Shape Processed Electrolyte on 316L Porous Metal Supported SOFC*, Proceedings of 10th International Conference and Exhibition of the European Ceramic Society, Berlin, 17-21 Berlin 2007
7. **Molin S.**, Gazda M., Jasinski P., Nowakowski A., 2008, *Electrical properties of porous nanocrystalline undoped ceria oxygen sensor*, *Elektronika: konstrukcje, technologie, zastosowania* 6: 253-255